

Figure 1

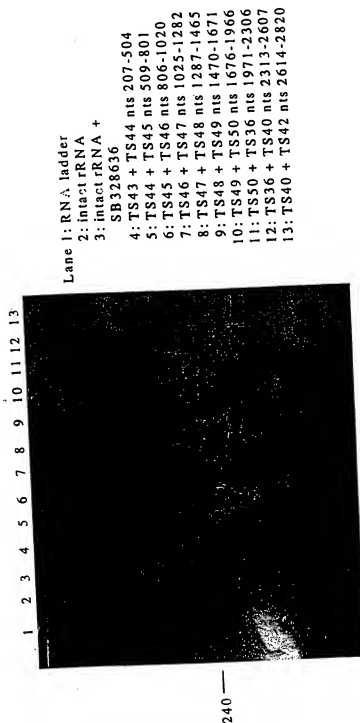


Figure 2

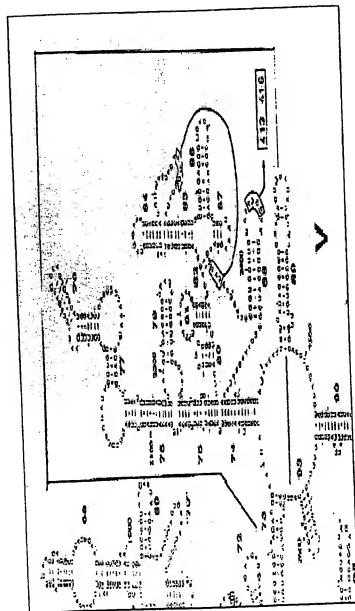


Figure 3

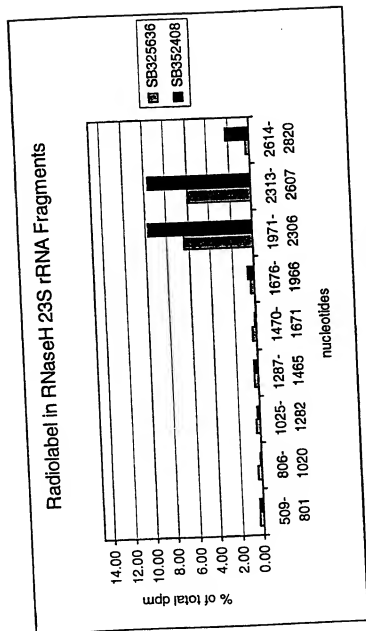
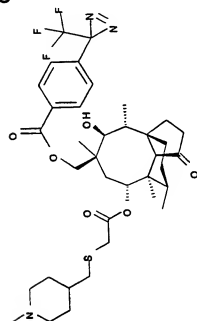


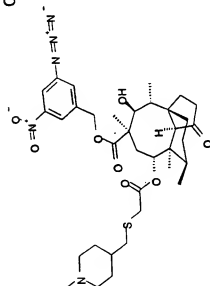
Figure 4

Chiral



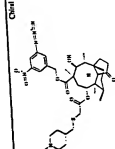
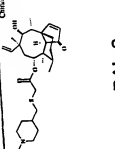
SB-352408

Chiral



SB-328636

Figure 5

		PAL-1	PAL-2
RLB IC50 (uM)	TBD		0.54
S30 fmet IC50 (uM)			

Organism	MICs (ug/mL)	
<i>E. coli</i> DC0	>64	>64
<i>E. coli</i> DC2	64	8
<i>H. influenzae</i> Q1	>64	0.5
<i>M. catarrhalis</i> 1502	0.25	≤ 0.06
<i>E. faecalis</i> 1	>64	>64
<i>S. aureus</i> Oxford	2	0.25
<i>S. pneumoniae</i> R6	16	≤ 0.06
<i>S. pyogenes</i> CN 10	2	≤ 0.06

Figure 6.

FIGURE 7

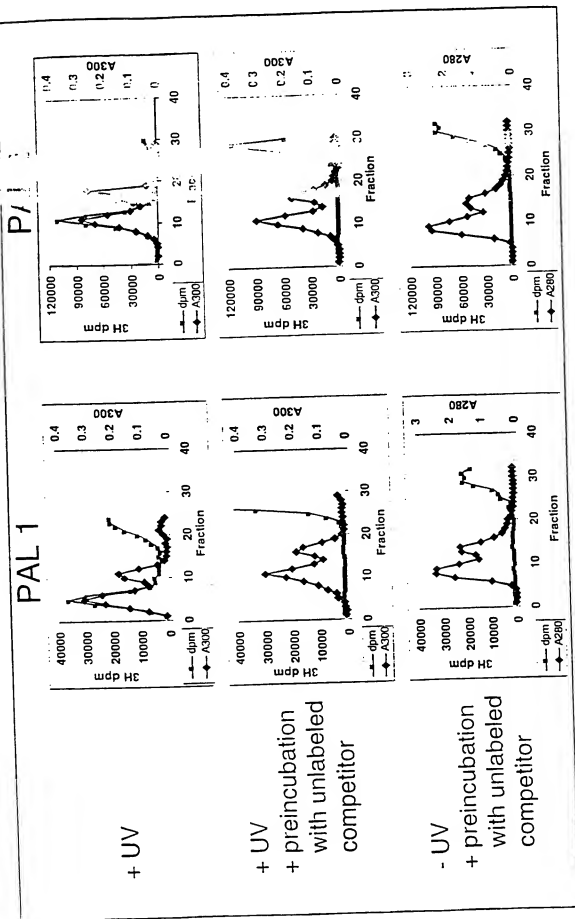
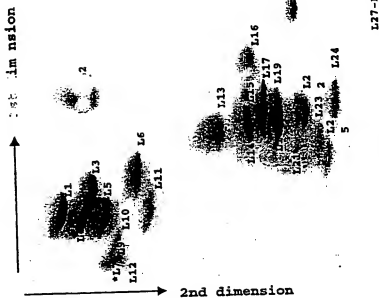
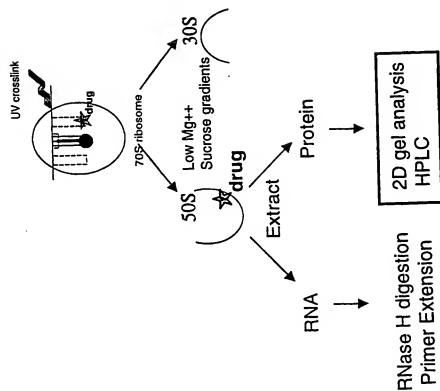


Figure 7.

FIG. 8 - 63207007



\* L7, L12, L27, and L28 are seen with larger protein loads.

Figure 8.



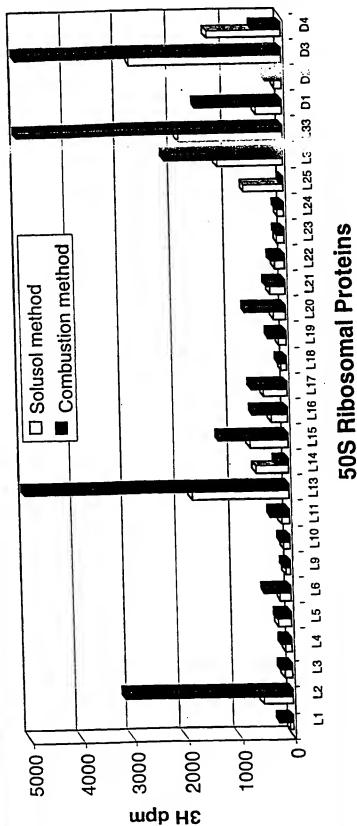


Figure 9.

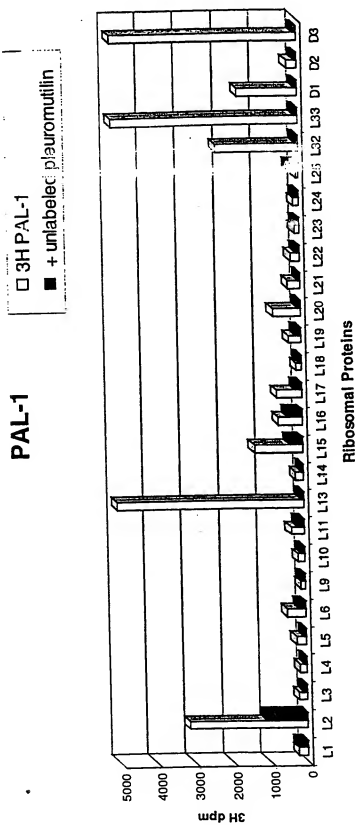
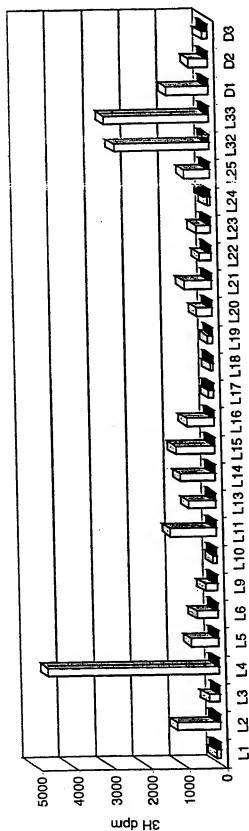


Figure 10.

# PAL-2

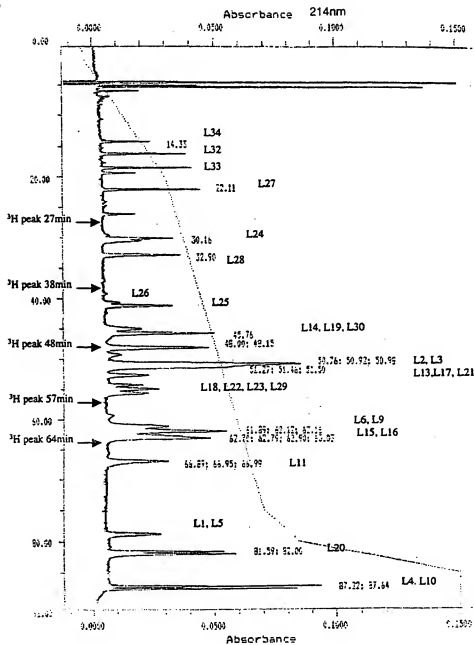
□ 3HPAL-2  
■ + unlabeled pleuromutilin



Ribosomal Proteins

Figure 11.

Figure 12.



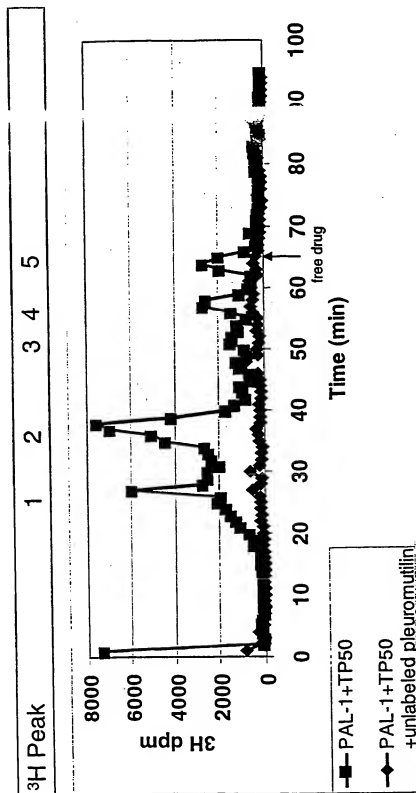
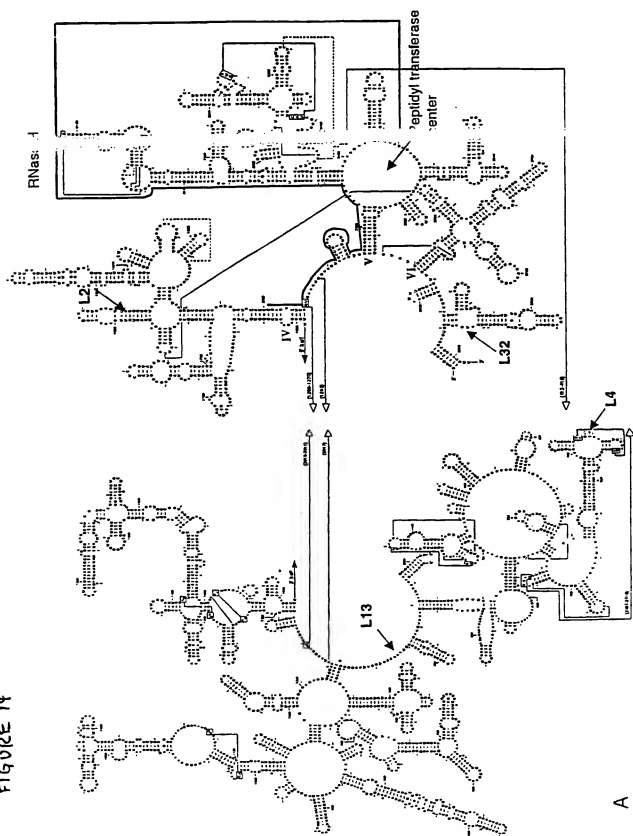
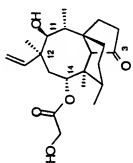


Figure 13.

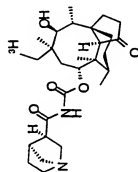
FIGURE 14



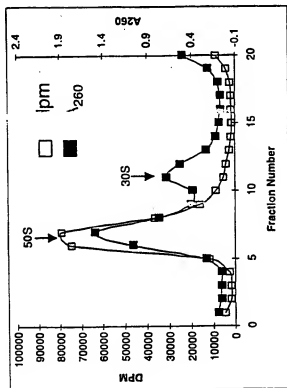
A



(A)



(B)



(C)

Fig 15.

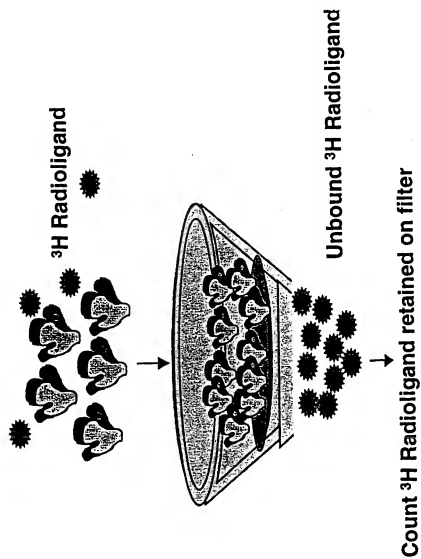


Figure 16..



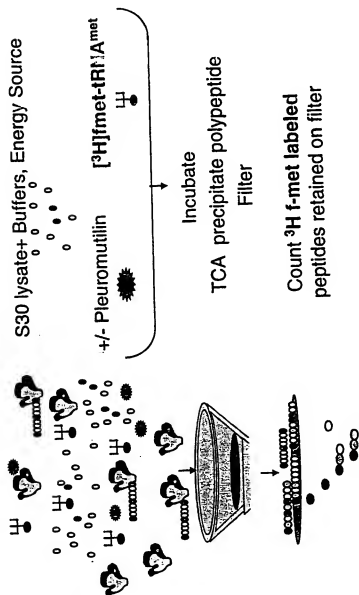


Figure 17.

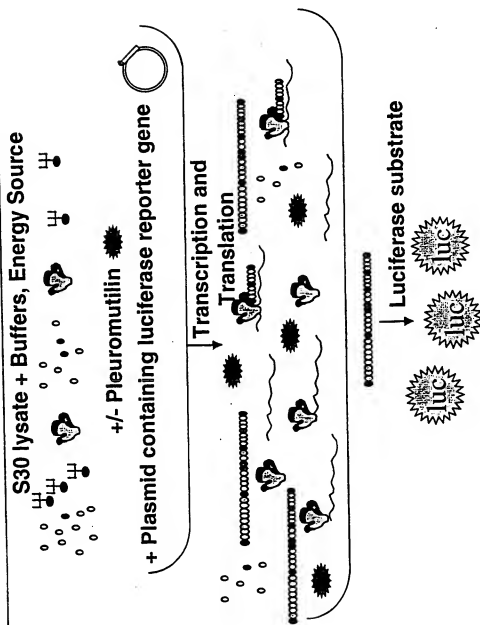


Figure 18.

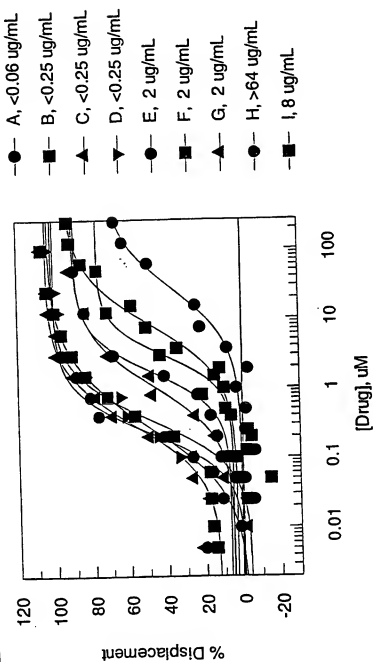


Figure 19.

SB Compound	<i>S. aureus</i> Oxford MICs ( $\mu\text{g/mL}$ )	RadioIlgand Binding (RLB) IC50 ( $\mu\text{M}$ )	S30 [3H] fmet IC50 ( $\mu\text{M}$ )	S30 Coupled Transcription/Translation IC50 ( $\mu\text{M}$ )
A	$\leq 0.06$	$0.57 \pm 0.04$	$0.25 \pm 0.03$	$0.5 \pm 0.1$
J	$\leq 0.06$	$0.99 \pm 0.09$	$0.18 \pm 0.02$	$1.4 \pm 0.2$
K	0.125	$0.43 \pm 0.09$	$0.19 \pm 0.03$	$0.45 \pm 0.08$
L	0.125	$0.7 \pm 0.1$	$0.5 \pm 0.1$	$0.58 \pm 0.09$
M	4	$7.4 \pm 0.5$	$1.4 \pm 0.5$	$1.5 \pm 0.2$
N	2	$1.3 \pm 0.2$	$0.28 \pm 0.05$	$2.3 \pm 0.4$
E	2	$1.8 \pm 0.4$	$1.6 \pm 0.08$	$1.8 \pm 0.2$
F	2	$2.7 \pm 0.4$	nd	$0.4 \pm 0.1$
G	2	$1.1 \pm 0.5$	$0.27 \pm 0.07$	$0.7 \pm 0.08$
O	4	8 $\pm$ 1	$1.4 \pm 0.7$	$1.8 \pm 0.3$
P	4	$0.8 \pm 0.3$	$0.47 \pm 0.08$	$1.2 \pm 0.2$
H	>64	12 $\pm$ 3	nd	49 $\pm$ 7
I	8	18 $\pm$ 4	50% at 50 $\mu\text{M}$	$1.1 \pm 0.2$
Q	>4	$2.5 \pm 0.3$	$1.2 \pm 0.2$	$2.6 \pm 0.3$
R	>64	>250	>250	>250
S	32	24 $\pm$ 9	6 $\pm$ 2	31 $\pm$ 4
Correlation versus MICs (R value from linear regression)	xx	0.89	0.99	0.79
Correlation versus RLB (R value from linear regression iii)	xx	xx	0.98	0.99

Fig 20.

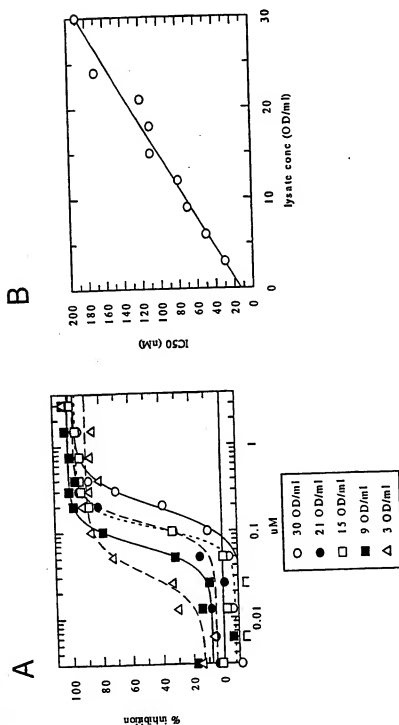


Figure 21.

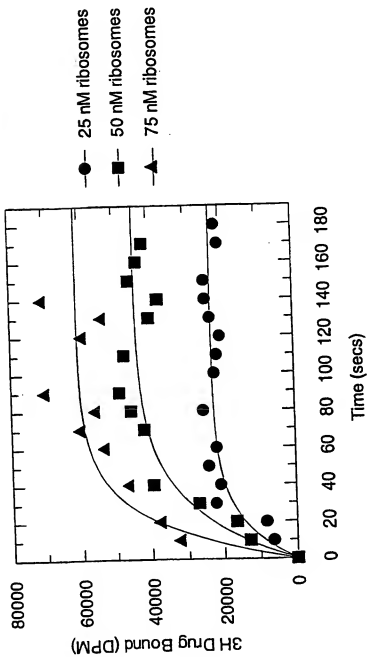


Figure 22.

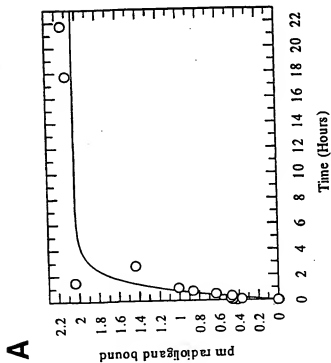


Figure 23.

**B**

SB compound	<i>S. aureus</i> MIC (ug/mL)	$k_{\text{dissociation}}$	$t_{1/2}$ (min)
A	$\leq 0.06$		$> 8 \times 60$
E	2	0.38	108
F	2	1.1	40
M	4	0.9	46
Q	$> 4$	0.64	60
U	4	0.72	58